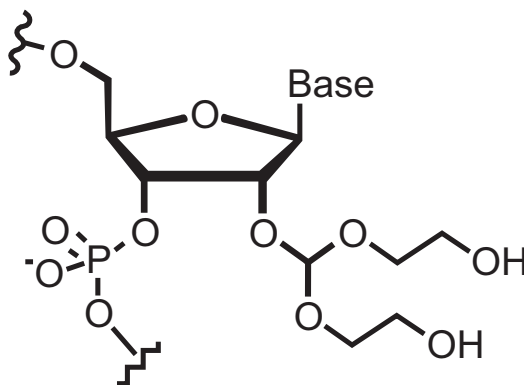


Receiving RNA

Unless deprotection services are specified, the RNA oligos are delivered 2'-ACE protected. All other protecting groups have been cleaved from the RNA. Unless otherwise requested, all internucleotidic linkages are phosphates and the 5'- and 3'-ends are both hydroxyl groups. The general structure of 2'-ACE protected RNA is as follows:



The 2'-protecting groups confer resistance to nuclease degradation and help to minimize secondary structure. Using anion exchange HPLC, a 0.5% aliquot of every 2'-protected oligo analyzed prior to shipping. The remaining 99.5% aliquot of the crude oligo is dried down in vacuo, packaged and shipped in the stable 2'-protected form to best ensure consistent quality. The 2'-protecting groups are then easily removed in 30 minutes at pH 3.8 using the enclosed aqueous buffer.

When the RNA oligos are received, they must be stored at -20°C until ready for use. The oligo specification sheet which accompanies each individual oligo can be removed and placed in a notebook for reference.

Contact Information

For technical questions regarding the use of siRNA reagents, please contact Dharmacon Products Technical Support at:

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